AVIATION VEWS MGRAW-HILL PUBLISHING COMPANY, INC. NOVEMBER 1, 1943 50 CENTS



The Aleutian Express Loads at Kodiak: This striking photo released by Naval Air Transport Service dramatizes penetration of avaitation to many outposts which before the war were cut off from the rest of the world, without air service. This new Douglas C-54 stands in the drizzle of Kodiak, Alaska, before starting a required ran to Adok, in the Aleutian Company.

CAB Applications Near 500 Mark

A total of 282 companies file for new lines while 112 seek permission of board to amend present certificates.

Wage Increase Studied as Manpower Solution

Local advertising and recruiting drives ease labor crisis in some firms; subcontracting brings temporary relief.

CAB Officials Praise Feeder Probe Data

Seventy witnesses representing 40 companies provide material for study in developing U.S. policy on route allocation.

Boston Store Proposes Deliveries by Air

Filene's Sons seeks approval of helicopter operations as other firms file applications with CAB for variety of services.

Brewster Probe May Affect Other Firms

WPB reports on production efficiency studied by investigating group; inquiry may spread to additional companies.

Major Air Drive Mapped in Chungking Talks

Mountbatten-Chiang meeting is postlude to Roosevelt-Churchill conference held in May; Stratemeyer emerges as liaison officer.



"THEY TAKE YOU OUT-AND BRING YOU BACK"

So writes an Auerican pile force the Stathwest Positie. This strine need apply expresses the faster territor is not to posit the American constal planes. It is a reflection of the determined and continuous reflects of plane and accessory natioferature affect to provide exerlenter porferences, possess artery and more deproclashing, Reports of auriti cerelect in the xymous theatens of wer show the definite acceptant of American states.

Viskers Hydraufic Equipment is used on the prest unjointy of our country's combet planes because it helps them "take you out—and large you hack."

VICKERS Incorporated

Engineers and Builders of Dil Hydronlic Equipment Since 1921

EOUIPMENT

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Washington Observer

LARON. UTILIZATION. QUISTIONED. There is a growing feeling in Cognisional and other carries that the silvental industry is vesttor anapower. The depth attention of aircraft carrying backs and challen at mounting country of the companies of the control that their plants have partiest labor utilization, the they are contained that considering oil the circumstances, blue stillings in good and that it is constantly supporting.

TURNOVER INVOLVED—Borpte for state of the starts for company, one markers of Generals have completed from the control of the c

WEST COAST LOAD—There is some corresponding to the large services around their costs industries received the late property has globed in a ment disorderstate good to the control of their contro

WARREN VERBUA PATTERBON—fris bees several weeks since Wednastein has been treated to a brain soedmag of wereful between hash samehers of the Administration. Now we have landing Wenre, comprised request, and godter of the properties of the company of the words over Warren's designs of wests and ineffection, were of the Wenrel's design of the first company of the properties of the company of the company of far, but it may develop us steep-time, may be far, but it may develop us steep-time, may

CLIP McNUTT'S POWERS—There is a move in Congress to strip Paul V. McNuti, War Manpower commissioner, of all authority over administration of Selective Server. A action war quietty written into a posifing bill which derects the President to delegate to the director of Scientive Service all the authority be received under the original law. This world by para McNatz, who supervises 314 Gen. Levis II Bembov. Scientive Service director. This is a good one to writh.

SEVERSEY CHALLANGED—There was stricteding later to the other in recent insect of The Rear York Trees. It was segred by Post-Rickey, resident of the West Server of the Rear York Trees, in was segred by Post-Rickey, server of the Press's Charley and the Post-Rick, deferred, who writes on war and air power, does the cause his sent to surve an insection, the press's the Post-Rick deferred by the Post-Rick deferred was the sent to surve as an existing, as the press's the Post-Rick deferred was the Ricke deferred with Post-Rick deferred was the Ricke deferred with Post-Rick deferred as an excellent the Rickey of server desired current on the Post-Rickey and server desired as the Post-Rickey deferred to the Post-Rickey desired to the Rickey of server desired current on the Rickey of server desired current on the Rickey of server desired current on the Post-Rickey desired current of the

than WPB Chalmann Donald M. Nelson the necessity for keeping U. S. war production at peak and he cares back to the United States with more normalities for his production plans after a true of European buttle fronts. The fact that



Brankl Nebox views a damaged "Fortress." Nebox was able to take the tear is evidence of

the person to seed operation of WFB contracted with some seedle ago. Charites E. Wilon, accountry who-chairman, has been in charge during Nelson's absence. They are a good inter-

of the State Cares . Chambrid, Ohn

AVIATION NEWS

THE STAFF

School Hedgester

Advertisers Index Accompact Products, Sec. Husto Mr. Co. The

AVIATION NEWS . November 1, 1943

fuel available on presents of most importance. occurring to reports, to await essent of fuel

ENGINEER STRENGTH DE-Dischoors has the British Tales will be alreast deabled in the next two manths by the addition of new and improved alectalt which will except our bacelyers dore into Germany, Mai, Gen. William E. Represe, chief of the U. S. Fugleh Age Force Fighter Command, and it was now about 50 to 64 percent of the planned fighter strength and probably will reach its peak by the first of the year. This presages waves of lang range fighters operating in relays to except American bushers all the way to targets irolds Germany

Air Miscotry ductages that the percenture of



Martin "Mariners" Head Out to Sen

AVIATION NEWS . Nevember 1, 1942

Washington Observer

SEA-AIR TEAM-Bulgh Bard, assistant secretary of the Naxy, contributes to the necessarial observation that medern sea power is a season trues. He adds: "One without the other is insecrets. The plane is of lettle one in had youlebtr, or in had wonther, or at night, and the ship is aften slow and valuerable without airends protection—the team to infrarible An and on power comed by evaluated independeath; and it is reall to been in soind that als ferrer and civilian peoplethers. Air nesses can se with any effectiveness it is dependent upon

shees." Any comment? SPECIFIATION ON LEE-There is consider-

term exteres Dec. 31. Les leaned CAB early ment the air transport valuative, providets, at successively on Dec. 31, 1944, storing with man 1. Welch Poors, choreson and Coscabi

CONTRACT TERMINATION-The Brane Military Affairs Committee plans to canchade its bearings on contract terreleation this week and shortly will report out a bill and were ten seen. on contract terraination with a definite nafery has become arate, with correct terralection delass and precetainties which are shewing sizes essie of foresteady the configurity of the way prefection provers and possent proved framcial and material problems to contractors and their rebcontractors.

WALLACE ON PECONVERSION - The



A CONTINENTAL DIAMOND product

is in there slugging! C-D makes burdreds of electrical and mechanical parts which are what to the successful aperation of radios, pure,

seetrob, communication systems, and all electrophy even sand with in our fighting equipment effect, entere and More of these applications posed new problems and conditions for HCNs-setulity. The research and expensers

of "know how" which is at your disposed to help solve your "What Material?" problems. me malabed abunally. EDECTED - a powered adeals reprodedly extent to \$ 6.0



Gentinental - Diamond FIERE COMPANY shed 1895 . . Manufochware of Lordnested Pleases since 1921 - NEWARK • DELAWAR

Aircraft Output Expected To Top

All Records During October

Some estimates forecast figure will rise as high as 8,500, with principal gains in most needed types of aircraft

takes up.

By SCOTT HORSHIP

difficulties, all indications point to October as a record-breaking sarinformed officials who estimated. 2.000, now product that the total well 5.500, but most others sumswhat upb Rebeyard .- This is particularly encorreging to production officials after the September showing of 7.

though the September wright was

octaber was disappointing h Production Near Coffine - Wor production in susual files the syrthat trabastry's failure to slave a

Wiele that may bold for munations overally, streraft schedules problems limiting over-all producion indicates that production is century the cellust," Witson said

Seat Added to P-30 Surroug last-muyate unforescent most common complexes ras been Used as Trainer

menibes have managed to gain duction problems that remain are

connectrated in these major prodrawn where important further

The fact that all fighter planes are

b Sleck Taken Up-Wilson's report single-seaters has long pound a peants out that September's perproblem which Bell Arrest solved formance re-emphasizes the difficulty of achieving substantial succonsessed and the Fearth Air Force. ment whereby a new pilot could curs during 1942, has now been



They added the "T" to the mell-known P-39 at Bell Averagt to stend fer "turo-place" after a regular model had been moduled to carry two pulses, with a second full set of controls for training use, and at the same time retrix the some flight characteristics of the combat model. Here's Maj.

William Augus, of the Flying Safety Directon, AAP, right, trying out the in others fathers of parts or matenew yob built at the request of the Fourth Pighter Command and the rails to arrive on tiese Beccetly the AVIATION NEWS . Necesber 1, 1942

AVIATION NEWS . November 1, 1965



BELLY TANKS CARRY PROPERTIES

be made up and shaped apprehere regularments are approved, allot-

Conversely, if a trainer should be in ments will be given derectly frees.

the palot was somewhat of a problem fighter plane to meet instruction Black specification for the two-

New Seat Installed ... To first orner marlone runs and cowing The pleaseles opten oversed was exas a simplified improment panel

Pilaterchangeable - As built, the "TPv39." the "T" becor added enformally for "two-place," is inter-

for grither NLNWs direction of Corp. a division of St. Leurs Cur the postumer and intervener that their names appear in the nome of

NAMES also directed that an elec-

Aerojet Corp. and Vega DPC Funds Raised NLRB orders election at Bendly. coost plant, WMC cannada 48-br. of small morniforturers. War Prodle CMP attenueds of stort corner.

NLRS aftered to its angual fadtion of election to Bendix Aviation and planeteers on an average rather three-benchmark electrical employees clude in the appropriate unit. North craft must now apply to WPB reindicated the IAM affiliation with sagnal offices for allotments, muteod formed into a transer by initialistics of to Washington, and must apply employees at Sherman Way, Lanof a special let of parts which can on a yearly basis. When B product

the respond level, although a record

\$230,000 The recover is for addi-

DPC's contract with Veen Au-

provide \$175,999 edictional facilities an over-all commutment of about

WASPS Fly Targets For Anti-Aircraft Treckrag and other jobs added to

In an effort to expert fields when a Corbran has added tracking and their retail ferrying jobs. But the tracking and assisting in target

Auto Plante Build 4 Billion in Planes Industry reported producing over

Autometrys Countil for War Prenote at the rate of \$11,449,499 a day are made in most of the 1,000 plants arcraft holds top position to the automobile industry's neme mana-

Navy Bares Secrets world's hear cultimore sincreft

On Grumman Wildcar Describes new folgon as one of the Woldest as form of the service.

75,000 ft. The Navy said its new Athler, demand and built sever Marcus Island 'birendy has establasked itself during its short combat more than 1,500 m; makes the Netlvice ording of over 35,000 ft Both

Lockheed Steps Up Production of P-38's Carbo all other activities to speed curpet of Lightwings.

All-out modernos of Osbara All production of Lockshoot's wife-

strikings greatly curtailed to meet Pflysts Bo-Tooled - Lookbood

> Big Plane Slowed Army precurences officials in



our measure families loads up to 41,

other types are new fully re-tooked

are fractic companying. When Lockband and margener shortage also pre-> Subcontracting - The answer neems to be in a schedule of gaboonsembly plant then heretofpy. The Material Command and Lockhood

the Burbanic plant. Negotrations were started to spread production

Airline Presidents Disagree on Outlook

Penerson, Moore were ogsine sees hig feater in foreign tride. Two sirline presidents have while another railed for remediate

We must guard ogning equationa) enthuments and emotional throkunt," such W. A. Potterson, United Moines Chamber of Coramerce. Monro, president of Premirivania-

'If we have in the United States, 19,593,593 new jobs," declared June can Arrways, at a World Trade dis- offer the war he said, probably with

h Opposes Schooling - Patternon have reasonated has an "almost constant that the 3.500,000 passen-

on 1853 to 51 contr to 1943 "mar. conset virualize an ability to reduce costs to compete directly with The propositate post-war copeal to the mean market " Mintakes of over-expansion, Posteroan such must be guarded agrees. PEngineering Problem - Mouro told the secretaries that avoidant

probably will grow more slowly Manpower Program than many multipate He mentioned Cuts Timm Contracts with the believpter, costs of private Warken dwarted from glider prodecree to higher priority cruft.

> craft porce contractor to vaffer a Gliders Cancelled Trees producto production of parts for buck prito the area and shiftly of eastern affects one Times plant where workers will complete about Nov. f chilers new in process Times plants working on training and corn-

eers carned in 1941 by deposite

surknes in their 950 planes will be estimated that the 10,000,000 pas-

sengers could be handled with 1,000

Deporterity-In his discussion on

"We need to move and move country he and "And while an-

properties of oversess objected and

His Manpower Beant -- Western production, heretofore on an easier hour, six day bests, may show a boost of nearly 500,000 monheurs

AVIATION NEWS . Newspher 1, 1963



NAVY'S NEWEST AND LARGEST AIRSHIP Substantial increases in crusting radius and bomb-cerrung conactly or suffi or adolfsonal gan positions are the Med, to become then any non-right strakin preshops now being used by the Novy in coastal patrol

Posts & Whitery West engines, are attached to the

AAF's Independence Proclaimed by Army War Dope regularion declares co-

the grewire trend long advected

tion appears to write unto the War the status of the air force which

ras on anothery of the other, The population constructes that the greatest spect of six power is its referred frostility, and that this

-a continue step toward a security + Control Control of command want be correlated laten odds, "command of air and

Solvent, wire market, tape printer

cinces land and my power co-equal . Backed by McCarean... This no

New Processes

and grease proof paper developed. Marrie Chrescal Co. Inc. of Garwood, N. J., hos developed a new solvest cleaner. Mannus No.



MR. PHILPOTT'S "FLYING WHEEL":



Simmonds-Hobson Automatic Engine Controls For Greater Efficiency and Engine Protection

COMBAT calls for split-second action. In the heat of battle at a constantly charging speeds and altitudes, the warplane pilet has finde time for careful adjustment of his engine controls. Modern continues can "take it," but at a succifice of their service life.

A welcome engineering advance toward more freedom for the pilos, and safer, sacce efficient engine operation, is the Simmonds Hobson Automatic Engine Control a "thred hand" for the piles. Uses now in production for the United Nations' fighting arcraft provide automatic control of manifold pressure and mixture, maintaining a selected senting through varied maneuvers and abitudes. More advanced designs now under way will extend automatic control to propeller governor, spack, and other functions

Simmends Equipment Files With

available restors. This new cleaner

Printer, canable of producer of proof, non-corresive paper, KDE-C-

Engineers Debate

Control Systems Hydrachic varies electric mechan more is rived as arranged which will carry true peacway are

Marsafacturers of hydroxie and Filestric Controls Gala-Stat as-Strate in electric conferts will start Col. G. C. Cress, AAP, Wright Yeld, sperking as an engineer and net for the Array Air Parcer, and

draufar workers are not tried because of their confer volumebility Hadronly Handleson-Ton can sheet away 50 nervers of a 200-

control critery and still maintain their mountain efficiency under dewith officiency larges by hydrwals: AVIATION NEWS . Nevember 1, 1943

Lid's North Hollywood Division, and R. E. Middleton, third engineer b Weight Poctor-Their paper con-

Dr. A. L. Kicca, amoginta profes-Institute of Technology and Doug-

"All electric control systems pasefficiency of electric devices is no mare than half that of hydraulic Fighter Studies Both - Silver

continental & Western Air, Inc., said may be developed that will be both efficient and of such hight weight

collect it "More than a bingraphydevelop in their high premiure front

Assessed the Missing" a Codet Agreemation, Inc., desperse of

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McDownell Asterest Corp., St Louis

TELLING THE WORLL

North American Assistan's Dallas. is 60 feet lung, with a screening time of 48 seconds. The films run for two

plazzed to extend to appreximately

Full-page of an metagolitan news-

papers of 35 other throughout the

n Figure Fertress across the page, the

andience of 10,000 McDunnal work-A Theorem America Products van this

Every Type of Allied Alverett'



Proud Wings for the Ryan Manifold

heat of the rouring exhaust fire of thouand of sireral engles beregower. That Hone both denote and builds well in arreard by this face. The sirelanes on equipment comprise a list of America's most successful military and commercial pages. Say of those are pictured above.

Engineering and research departments as Evan are representable for some of the most preparant sechnical developments in the exhaust systems field. A procession of other improvements, refinements and new and Ingenious solutions to exhaust

Ruan Exhaust Systems control and consystems problems, net new coming from Byon designs and manufactures manifolds, nurbeauvercharger insultations, heat transfer units for earburgton, cable besting and wone and king, and force degree size and other specialized exhaust system apolications. Ream's design and development groups now serve the Army. Nave, and all absent manufacturers producing for the armed writers.

demonsts as maker underess before.











BYAN ASSOCIATION COMPANY - MUNICIPAL AUGUSTS WAS PRODUCTION COUNCIL, INC. AN OFFICES CHARLESP TRUE LINE DODG - EASTERN OFFICES, AND LERINGTON AND, NEW YORK THE AIR WAR

COMMENTARY

Unpublicized Chungking Meeting

Brews Major Asiatic Air Campaign

Discussions of Mountbutten, Chiang Kui-Shek and other high allied officers is postlude to Rossevele-Churchill recetings in May, Stratemeyer emerging as lisison between air forces, Gencralissimo and Mounthatten Overshadowed by the world - batter would be over-all Common-

Sorrered brown excepting billooks. This is the "cetting down to May perpared the war, these having Chemaralt, who had flown to Want-

h One has and Mounthatten... 'Ou you

aretheby to Quebes and the drame-

der of Allied Forces in Southeastern Agen. The petage, and in beginning to murro, Gen Stratemeyer besse a both theniers, a sphere in which the Strateger will be Admeral Mountbatter's Air Chief, and that

Asia Communed would then follow Congruenter in Chief, and the Bri-

b Two-Penaged Drive on Japan-Al-

indicates a mighty pincer movement. against Japan of which the right ave. is General McArthur's "Beck and/or Timer - Celebex - Lozze, A. The most obvious is the six and

our and one sassuit on Bangeon. The Crystan, also moreovery for the st-Danaptence of Surma-The world

A wedge was driven between China and ladio, personning on altack in either direction. In what now appears a major strategar error

the Nipperson turned to the south on an affect to instale Academies on a

ALLIED MILITARY ORGANIZATION IN ASIATIC THEATER SOUTHEAST ASIA

AVIATION NEWS . November 1, 1947



CORPUS CHRISTI CADETS GET INSTRUCTIONS: The Mays releases this photo of orders gathered around the Sighle boards of Corpus Christi Training, Center, maining for nutritations before asserting out on the day's Sighler. Skips ever No. 3 board near "Up and of 'on, bequkeny' on Sighley." Custine archibide on behaviour of profit and mainti-

Principles in Bernar-Work in Sid. Capter of the Ken work. Almost it interes each selection or the other forms of the bernarion of the bernario

A company of the comp

top it mean Autonom oor as spectracialar as the developing pectosess blows against vitals war addately targets in Zhengo, or as the heavy counter-Air Force blows at Weens! and Nobell, the steedy work of the Raff and the Treath Air Force own Barrian, and the Beautoned in Crims, has been successful in preventing the entery Force switching up a strong person to drive them out.

Nelson Emerges

As Manpower Chief
Denial M. Nelson, WPB chair-

power centrel in a new organizatural action. Production supersty communities and meropewor primities commutees, established through the Beruch-Byrans West Coast Mangowen plan, have now been set by in cight access in the resultay and are leested at Hartsheed, Adven, Detrox, Lee



FLYING MEMORIALS:

consequence and digital research or researchering its man toke Alexe flied for their country. Farry-even of the 3,3,18 stars on the Loochand Service Board hore turned to gold. For each one of these, Lockboot-Vego smale a varyione down the amenably line bearing a varyione down to amenably line bearing a varyion gold size area? It Letter the stars are the Letter "Researchery" of ability receiplages Petros elevant Res. Maytic Blasse, harrer and site at Lookloed inspecting the plane deforcate lood inspecting the plane deforcate

AVIATION NEWS . Nucesher 1, 1942

AIRCRAFT PRODUCTION

Coast Plants Study Wage Increases As Solution to Labor Problem

Local advertising and recruiting campaigns have eased crisis in minpower in some plane companies; subcontracting brings temporary relief in some motances.

arrive see that the country, and me management problems where Sections arrent hands are considered as a contract that the contract that th

for a wage increase of from 60 is 60 cmix on hour in the measurement breatest. Presidential of Generalisatest Values, Douglast, Leakheel, Nathuran, Leakheel, Leakheel

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VEGA'S SUPER-ASSEMBLY LINE FOR "FLYING FORTRESSES": Interior of Vega Averagt Corp's main plant at Bur-amenabing backed

bombers are being terrent out on were built last Jamiary. As shown obour for the first time, Yong obsidtions planes under a plan ell its ener, unboth features united of a single long assembly time, three short find AVIATION NEWS. Nowmber 1, 1841.

full complement of electrical and other installation. Many of these informerablist are done to outside plant. Bendes the B-17 insembly, Vega builds on equal number of Ventara PV-1 bombers for the Natio.

nestrat Rangoon and or Vactoria point on the Xra Penganta, which

Free Enterprise

WHAT IS IT! HOW DOES IT WORK ?

Own is a freestraptic occurry the their metisation of the process of which are the prospector revolution of editor and advoluting the most operation and makesally offers, for the being recording to a subgraph of their production of the massaces the need for government regulation and in present mittelies? They have no weight the long and the present mittelies? They have not weight the long three or weight the long three processors of the constant. Thank events when these meetings and the constant.

not not topped with a reasonal, the life early in the territories and the compt in the street of these thereintees and the compt in the street of These one special beamshorn in Every and herein the authors. The piled of the freezins. The later of the street of the street of the street of the piled of the street of the street of the and line artist into entrymental points. The piled of the street of the street of the and line artist into entrymental points. The street of the street of the street of the and line artist into entrymental points. The first frequent and the condenses of these she for piratisty with in this or absoluted achievement. Their frequent and the condenses of these she for the street of the street of

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This is a file drown. It can be archeved, and it will be achieved, if only we measure the control dustrate of our system of industrial enterprise, which also do not system of industrial enterprise, which also drown district the property of the expension of the

Let us never loss sigle of the fact that the custod fundame of loss encoupeds are the prospective rewards for this charge as well as far offset. The entitlence is clear that incurrence resolved of wage parameters will boom production. Curefully decided reverse of salvey purerent with large differential clear terms of salvey purerent with large differential clear warms of salvey the translated of measured access-

The entropie course operate effectively ration the vage and when works after guest envent for great events for great events for great events for great extends to great in special posts for posts in sufficient to exchange the entropies and of mourem which otherwise would be large Will. Durkes the prospects of posts for superior to the prespects of loss, now vectors will not be smalerthian and grieg concesses will not expend or certains from a business. When the hope for prefix worsts, campleyment and productions them, when that hope exercise,

decement in order that measurem employment may be achieved through private enterprise. This involves the sensessal and avoidance of restrictions on bestiess by government, by labor, and by business short. Compositions in the life blood of the fire enterprise

sween Search and frutary must be spect effective for the upon perfection for the couple for the upon perfection for the couple for good should be lifted at the collect to be discussed as for couple for the couple for the couple for couple for the couple for the

Gain of substitud company source to Marconsus which statis the presentation of the same states that the presentation of the same states allow the cortain injurious eights and in order of the same states of the same states of the same of the same states of the same states of the same additional of the same states of the same states of the same states of the same states of the same additional of the same states of the same of the same states of the same states of the same of the same states of the same states of the same of the same states of the same states of the same of the same states of the same states of the same of the same states of the same states of the same of the same states of the same states of the same of the same states of the same states of the same of the same states of the same states of the same of the same states of the same states of the same of the same states of the same states of the same of the same states of the same states of the same of the same states of th

our construlacement government regulation and control of benress activities in soft conditions to strengthening the visible of protective enterprise. Generated, descripgated operation of productive resources containly in soft to be excellent. Then more government relate and replates business, the loss will be the treatment to some contained to the control of the soft of the control of the control of the control of the hands in the control of the activities there for the hands in these of the activities the forter than the reugh guidance and partice of sigurous, though arms what importest, competition than the assertainty of

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Even never difficult their sharing, and most impotant, is the implementation of sum; polacise that are in the internal of the free enterprise voters. Not all reasons will unfirst all people, Special between well all how to be substituted in the steal interest of the matter. Sentine and victors have been executed to the viceing of the vier. They will be no been consultal to the wireing of the power.

If we can gain recognition of the crossal rule of incentives for everyone of the standard appunify for controlling in the contraction of the contraction of

consistent profit. Yet only through such policies on we

M we can gain recognition of the extensi refe of incontrol for recognized it we stand expurely for experiment and against protection or provinge for special vars and means to prove the gainst assemblyowers, we can have the full benefit which only a free catepries writers are produce—to instrain prospects, in a proving standards of living, and in the preservation of one democratise ways of life.



tered more Sept. 1, industry that

Differ on Wate Increases—Some

PLEETWINGS BUILDS HANGAR ON WHEELS:

make may for a permanent plant

White employment game, regis-Wilson, McNutt Drawn Into Dallas Probe

ETrumon Calls McNuit-At the

Availably plant at Dallas, Tex.

h At the Bettern of Barrel - The

Cites Labor Demands—He rend

promits constructed materials Pho-



"Mr Wilson has safermed the commettee," Truster send, "that m his operous the North American

Hamilton Standard "Prop" Output Spurts

Up 2,400 percent since 1939, Unit

tower the 1939 factory space. > Turra Out 14 % -- With its because serviced on more than 30 types of

Army and Novy planes.



de-sorr fluid touk, in forecast by coase of its light socials, strongsh unide range of temperatures unthough shattering. When propended do I parter the board, at breaks clean

Joint Board Formed

Pura suchertity in hunds of single

which has excited arrang the very Etablishment of the board, on-There is no indication of pereral



to 20 - Figure of the 1-7 Sep. \$6 \$65 - \$745. At 18 40. \$148.840

Name E.G.A. England, Philip. -- Arr Quantity AMERICAN

METAL WORKS, INC. 1514 Germantown Ass., Phile. 22, Po.

AVIATION NEWS . Nevember 1, 1941

AVIATION NEWS . Neverber 1, 1965

STYLE 200 STEALOHT SIDE SHOP BOX

stratety side along hor with they have been

under discussion by the subcommitthey might be worked into form by unusconstelly, with new tax laws. b Effect on Profit Studied-Of puradministrated afficult take into are a Membership. The presented of the

is also representing the Wor Skinthe effects of reasontisting more uzzform, which may be parily oalred, at least, by establishment of tracts for standard products which Bleegh, War Production Board repwould apply to thousands of com- reconstitive.

seperat merts which so into familied

war motornia War contracting

new tourt board to Jacob M. Doden.

as opposed to this procedure The possibility that tax legals-



CORONADO UNDER CAMOUFLAGE

equipment, including trade rights, of Averaft Products Corp of Chi-Navy Forms Air Unit

Gwinn-Stone Formed

Furnation of Gwinn-Steen, Inc., a Kansas corporation, has been en-

In Incentive Division Designed to over fighting spirit of workers employed on westralt. Navy has established to Asympto-

argument-in plants surgiced whal-Commander S J. Singer, excestree offeer to Advared Weedword.

Herana Factors-They will not rant fartors. Chief repers these will be reports to workers tellus. wings, engines, tires, gara, hife

planes in cambot to the work-Navy's Incentive Division-Comby Cal Baleh F. Gow, which sa-

started neight a year ago "E"

AIRCRAFT TOOLS THAT SAVE LABOR AND MATERIAL



PRESSURE PAD DIMPLING TOOLS Danahoped by Assector's leading observed tool design confinence and have successfully met force; and likely tests.

SCOTCH TAPE PRINTER A new potable Tupe Printer that produces my new cycle with

or saries at letters and digits instantly, it permits such stransk plant to puter he own without confr enture. HISPEFO DIMPLING ADAPTERS

This Adopter Sections is informerable simply installed reveal year displing test. A time salay controls the displing A sele-sed operates the displing modules of: cylinder. HOT STAMP WIRE PRINTER Why printed by this has been immerced in previous and oil for one hundred house without demone, it has withstood the Arms

HLSPFFD DIMPLER Coordinated York Electric specially designed tyle, communic chapter adopter, pressure pad display loci with a standard parametric squeeze.

WIRE AND CARLE PRINTERS Yours of authority pervice in the Annuarity Wire and Cubic

VERSA-TOOL METAL SHEARS Octs 25 groups educations, studeless steel and studies motels with

"BOUND THE CORNER" RIVETER ADAPTERS that with one standard resumable housest it suchles the oper-

EXCITEMENT DIMPLING TON A new precioni, efficient dispitus tack, especially designed for all giombied between.

YORK ELECTRIC TOOL COMPANY

AVIATION NEWS . Movember & 1963



TWO COMPANIES LAUNCH "COMMANDO" PROGRAM:

Volume Production Is Begun on C-46

Conin-Wright suggesterment indecrees remoderg plan is completed. of the C-46 Communico at its Burls . Be-Tenbug-Some coulty re-toolfuls, St. Leuis and Leuisville, Ky.,

by the Buccus New Orleans and

tion Difficulties during the expenexperimental model, the War De-

Deputes teen all producers of

Curiou Loursville plants, both of

postructors The Hierry alent, or h C. 16 Faragolog - World et-

alternate and George A Allward, Commandes on the Line: The Buffolo plant scene above Cornes C-76 Haring Co. with F O Higgs.

vice-occudent in charge of produc-AVIATION NEWS . Neverber 1, 1942

home, the C-47, C-53 and C-68.

and Conversates have been turned

a cargo capacity of \$,755 co. it For

helly comportments. Two 2.000 km

PERSONNEL.

James S Liccola will do special re-

for a mouth and a half during the

vice in Holts in 1994-5, the Hotton

Fresh P. Tube, for the post year and a half in the gress division, Office of

At Wright Field, Alex G. Der han been mode representative of Havalton

Darrier thin time has fooce none 23 Joponese murinos

post two years and greenously repre-

was for 34 pr. in the Budway Mad branch of the Beston Part Office.

Best Gan Lanin E. Woods, ITEMS: Non-

palet's ruling and is a two-field morn staff of Harry E. Hlythe, vice-press- fix reseasing three stranded fivers at



CHILEAN AIR CHIEF VISITS RANGER

Chief of Chilean Air Force, Lt. Gen. Moreael Toromas, managed Respor-

AVIATION NEWS . Mounter 1 1941

One of the few women who can board

Col. Edwig W. Hawkup, rived of the

M Forest The

Arrerge Engrany plant at Farmingdale, N. Y. Shoun bende a Rayer sur-

M. Lester, assistant general manager of Namoer, and May Gen. Organ

DENTALL ENGINEERS WHO DERECTED NEW COMPASS Here are the men who perfected the new gyre flux puts excepted to meet oned the flaw cute. On his left is Don W. Smith and to he right, J. F.

more negratest in charge of engineering L. A. Haired, executive engineer; Pant Harre, ours recognit W. A. Brechel, engreering director of Eclipse-Les freignet, district traffic manager in the New York area for TWA, has been

cooks William F. treffe auperinsas City, Min

Cast Sabort W. Borry, deputy director. Edward & Dates has been named an-Heart Street, Surperly with WYS In-

In his new capacity he will supervise traffic decortment in New York and not be possible of the other

Gol Clarence Young, western division to the New York office. I. C. Banackie

Mad-Contract Airlines has retained sts general counsel, following resig-



perintendent of outside plants, and is at Vega Arather transfer from Vega to Lougherd in that of Herris Melwich ert E Green, president, in observe of of American Autires. He potent the

representations officer in New York, as-

TWA DIRECTORS MEET:

Other Scobart Chrom business may and real estate broker, sone indeveloped as a new director at THEA's record decenses succine Left to right are Vincent P. Courses, succeptuality of traffic and director: C. E. McCollum, Chicago recental traffic mansory Carl Revre. Kanass City, assuring a secretory; John Lackbart, Kassas City, recretary and treasurer; George Stater, Reman City, atterney, E. Lee Talway, Jack Proc. president-director, Spines Meetire, St.

Levis, director; Jack Pranklin, engineering vicepressient; Fred Pastoruss, Chongo regional operations reperintendent, Lt Col. Nelson S. Talbott, Dayton, director; Lubiotte T. Colm, Mauthorse, Cold, directow and W. H. Colm of Mouthwest, Northwest Agrees turne Gen T B Wileys charrenge of hours, chief of names John College, Kasses Otto, operations succpresident, and Eulph Ender, Pitteburgh

AVIATION NEWS . November 1, 1943

TRANSPORT

Officials of CAB Praise Data Presented at Feeder Investigation

Almost 700 witnesses representing 40 companies provide massrial for consideration in development of source allocation policy.

Therman W. Van Metre, professor

classed from the air just because

FAmily Excludes-Appearing in

behalf of the Eurlington Transportolion Co., the Atchison, Topeka & Santa Fe Barbeny, the Charge, Mil-

arbifeury aucharius 'yearht interfere

floard which came to a close to The study brought furth specific information not easy of applicants'

tentials, operating requirements, equipment, personnel, schodules, filled 1.726 many of transcript

teto trunk lines. Differences et the local strings were strongly ex-

cal and independent operation. All parties in this group agreed that

GREVHOUND AIR BUS MODEL EXHIBITED: Overlie Casser. Vice-President of Greubound Corp., possiz to location of

h Bull Bar Auguments - Syrdace house by Reymond Long, who compiled four folcooky on engineering problems. This readel was shown to the CAB darmy pre-hoprise conpropases to rue are bases on resites paralleling and introrpted with their

might conceivably interfere with The speace, that the explore must be regarded as furnishing a form of transportation supplemen-

Beerich on Helicopter-Knowline stated further that he company supporter offer bright possibilities

resaller office and their franchises

CAB-Planned Rostes Urged-Airways, dwinten of Atlantas Guid



cos of the custom on the side of a proceed air but, designed for Greu-

AVIATION NEWS . November 1, 1903

tentuls of air traffic based on Sep-Final stiness was Martin Tailed.

Boston Department Store Asks Air Deliveries in Trade Area

Filenc's Sons seeks approval of helicopter flushes as other compagies file applications with CAB for varied services country to file application with the

member in 1894. Continuetal has

prepetty by outside their limits"



Route Applications Nearing 500 Mark 202 für für new Nines while 112 ask amendancou so cercificates,

or 500 Lost week the finer was

Maghestions - Applications for new reates makade 92 for domestic

dimentic for additional steps and Alaskan, 3 periosp, 4 documenta ndds-

House Delays Action On Lea Measure

Opponents and proponents were taking advantage of the interval to pusses of states' rights, as accessed

Magarity and remority views have

Forecasts Highlight Institute's Conference

cub' views on developments. races in Weshireten

lines, dispussed strings use of modin religary and conversion trustport. Unless early tests are made clarge after the war ends before the receive planes additional to these Purden Ferensts - Ducustina ties, William A. M. Durden, special

1056, with 20 willion research declared that say traffic control can post-war development if not ade-

h.Worrer on Lacet Service... Bevoted to retential traffic and non-

INSTITUTE STUDIES AIR TRANSPORT PROBLEMS

erwanest afficials in Workington last week at a receiving of the Distribute of ore-day sessors were, left to right, May Lester D. Gardner, chorman as

familities, with our coute anisone in- student a popular our volucie for the

hours about \$,000 planes beard Marriag Describes Glaters-Gree rister melose spenday will be the

contage a \$.393.05 gross works cluder that will every a 4-400 th nied vyrustaty, out reduction lower handling time, shorter run-Urgled States by our transportation of vehration, he expects, will make b Sees 200,920 Planes -- Among other craft will be in operation within

b Weather Burray Chief Spenks---TWA gilet cupture, pleaded for

static-free vadio better de-legra

CAB Schedules Talks On Hemisphere Routes Conference to be hold in Wroblagnon on lines to Latin America.



TWA PADIO GIRLpart her hered two frequence radio

CAB Reveals Policy In C&S Mail Sair

Note to Skepties

the ECC, he said that even at

go, coming technical develop-

apphenises for air service to Mex-

This Is Progress Average speed of freight web in 1971 to 105 mgh 20 vv.

of freight to go from New York

An hate we limb it was thought

Civil Aeronautics Board has do-

Thu it declared in an approxi-Claimed Figureial Purity-The cetified to a rate to ofece it on

ation. Even if it were within the > Stangests Capital Murket - The new

rate, the board added, with place The lase's precent rate is roughly

or less, or about I mill per nound

and taxes, and bring a reseasable ceturn on ris investment it asked that its present rate be continued, however, until it accomplated not

10,000 "V" LETTERS.

You Navel Air Prepapert Service ary Jores, sociald socials reary them 2.000 ID and require many trees

annual return on the systems spreet-

point resking to rose the compage's

Forlier Beristens Elted Chicago war development and expansion

September, 1942. Express payed rates, 14,321,563 compared to 33,250,-

scraper kend factor, 918 percent in Rentember over September, 1963, to Moneycon, which lost a plane lost cart and arr mail 63 necessar higher for the first same months of 7943 these service to Boton Sauge, La. Delta also

and 19.606 air roul ton rafes corn-

Minamota Council and the Greater dropped 8 percent below September,

>YWA expieres have centributed sirports and other awation desiries some \$1,500 to a recognial library fund in honor of Lt. Od Jack Firetues books for a bugh tobool in Fre-

Fre American histo at pleas to tember. Air expects loads for the named & Sager Wells, western month wave 163,036 squarfs, 11,502

Aerial litney Intentate Air Transport cir-

FINANCIAL Aviation Firm Officials Continue Sale of Air Stocks, SEC Reports Latest summary shows decline in activity, with trend away from stirling shares and soward sincraft equiries.

Dy ROGER WILCO

Trippe Calls for

National Air Policy -Am finily been reversed How-Foreign and demests: develop-Doly Bays Republic Supplement

denotes. They breastly has total F Trippe Users Immediate Policyin New York, Just T Tours, neura deat of Pon American Airways.

of Sperry, molema a tetal of 745 > Problem -- Walle he declared the h Solve Transportungs-Three officeries

On the selling side, S. M. Peirwith foreign our monopolies, or can internalizable strike strong crough to compete on even terms of that commony 684 remaining h Western Air Lines Sold-Of some able to contribute under on organi-

browing 500. To two possions officials declined during August, ac-Juan Trippe continued his roles by disposes of 2,600 shares of Pen-

> also were on the seiling side H. M. Binky, officer, sold 189, leavener 1.web 1,300 shares ofter molecus a b Treats Sell Abrilees-Selling to

Turn A. Morgan bought 100 shares 4,400 of United Air Lines, Incom-

Gethern depoter and 600 shares. Magg Turn Prespects-in its about

Moody's Sees Clouded Air Stocks Outlook

over long term period, however. look in the post-war period White

Sarray maners caretters removed Bryinging "Preortine Promests of Wor Industries," a recent issue of Meedy's Stock Survey takes a disin this special muse, virtually all avassed as to their immediate out-

able, however, to write out 1948 lin-

Republic Calls Stock

100,000 shares of second poeterred

Honcywell Reports Missaspolis few's six mooths'

Marramolta-Honeywell, for the Convair Dividend

Denotes of Comobilisted Video

AAF Glider Pickup First omersuncy feat organish after

cross experimental studer base. Wil-

AFRONALTICAL PROJUSTES. HELICOPTER GEVELOPMENT

New duPont 'Prop'

though able to mad 60-on stress

Propellers are in the news again

The development was disclosed by

Rock was boleds a trul message of behind belland and experience and grammed of created life under the WHENT

AFRONALITICAL PRODUCTS INC.

AVIATION NEWS . November 1 1965

AVIATION NEWS . November 1, 1943

Nav Bayr Been Discussion-

voor Names-Ort 4, 1943) All this

Northrop Sales Gain But Profits Shrink

cut from \$7.93 a where to \$3.12.

For an Air Cargo Hearing

CIVIL AMONAUTHER BOARD OFFICIALS ARE EMBE ON Creered as highly pleased with the result of the series of per-hearing conferences on local service

The testimony and exhibits make available on invaluable reference file as a guide for the board's future thinking on the subsect. Some material that was presented will be of little value, of course, but the general average was

higher than the suggested had expected. Several studies alone were worth thousands of dollars to the board one official said. The value which the see transport industry

sessions. The demand for streammakic records is which preveds in our corpo thinking in general, the been under way secretly for years, and the unportance of future developments, it would seem that the board would be matified in holding in the

conferences on the subsect of air freight

cargo statistics, commercial operations and research. to CAB of a wealth of material on present and

not be duplicated anywhere else in the world. extent and efficiency of air transport operations, and in the production technique and quality of the transport plane. Its aviation regulatory hodics, its sircraft industry, and its airlines need all accord material and research on this subject for proper planting new to insure our lendership during the

two-day oceans of the SAE in Chicago, will command wide interest because of the both cultber of their speakers, but a longer series of air cargoquirkest source for the most possible authorities near future a similar series of pre-hearing

Congress Should Extend WTS

THE COULAN PILOT TRAINING ACT of 1909 will samure July 1, 1844. Way Training Service, for-

merly the Civilian Pilot Training Program, is Both the House and Senate versions of the needon Lea Mil contain a section for continuing indefinitely the salient provisions of the 1939 act. Outcome of the Lea legislation appears uncertain Another bill to extend the training set for five

controversal hubbuh over sections involves comtraversa program of WYS.

Meanwhile, it is ungent that the Civil Aeronaution Advocated to the state of the sales of the s

Construe should realize that WTS is training more than 27,000 men for the Army and Navy at pearly 300 centers using facilities of universities tractors, with more than 7,000 shows

WTS undefealtely, or at least until the Lea bill be-Otherwise, it should stand ressly to take responnaturnal war effort.

Boosty H. Woon

m for 48 female . : much the





FLIGHT records show that planes flying at 30,000 ft. and above experience temperatures as lowas –100°F. In this extreme cold, cameras and control mechanisms may freeze up, fail to function.

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- lined trains in the U.S. is lubricoted with Texoco thon with all other brands combined.
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- More revenue oirline miles in the U. S. are flawn with Texaco than with any other brand.
- More buses, more bus lines and more bus-miles are lubricated with Texaca than with any ather brand.



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